

#10/b
ms
07/13/02

IN THE UNITED STATES OFFICE OF PATENTS AND TRADEMARKS

Applicant: Nongnuch Inpanbutr

Serial No. 09/804,111

Group Art Unit: 1617

Filed: March 12, 2001

Examiner: Mojdeh Bahar

For: EFFECTS OF 1,2,5 (OH)₂D₃ AND ITS
ANALOGS ON PARATHYROID HORMONE-
RELATED SECRETION AND CELL
GROWTH IN CANINE SQUAMOUS CELL
CARCINOMA

TECH CENTER 1600/2900

JUL 11 2002

RECEIVED

AMENDMENT IN RESPONSE TO
OFFICE ACTION DATED March 4, 2002

Commissioner for Patents
Box FEE-AMENDMENT
Washington, D.C. 20231

Sir:

In response to the Office Action dated March 4, 2002, please consider the following
Remarks and amend the application as follows:

IN THE CLAIMS:

B¹ 2. The method of claim 1 wherein the vitamin D analog is selected from the
group consisting of 1 α ,25-(OH)₂D₃, 1 α ,25-(OH)₂-16-ene-23-yne-D₃ and 1 α ,25-(OH)₂-22,24-
diene-24,26,27-trihomo-D₃ and stereoisomers thereof.

B² 4. The method of claim 2, wherein the vitamin D analog is 1 α ,25-(OH)₂-16-ene-
23-yne- D₃ and stereoisomers thereof.

5. The method of claim 2, wherein the vitamin D analog is 1 α ,25-(OH)₂-22,24-
diene-24,26,27-trihomo-D₃ and stereoisomers thereof.

B³ 18. The method of claim 1 wherein the Vitamin D analog is administered in
combination with a bone agent comprising at least one of conjugated estrogens, conjugated
estrogen equivalents, anti-estrogens, calcitonin, bisphosphonates, calcium supplements,



1-5-02

GP 1617

PATENT
Atty. Dkt. No. 6204/102

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nongnuch Inpanbutr :
Serial No.: 09/804,111 : Art Unit: 1617
Filed: March 12, 2001 : Examiner: Mojdeh Bahar
For: EFFECTS OF 1,2,5 (OH)₂D₃ AND ITS :
ANALOGS ON PARATHYROID :
HORMONE-RELATED SECRETION :
AND CELL GROWTH IN CANINE :
SQUAMOUS CELL CARCINOMA :

RECEIVED
JUL 11 2002
TECH CENTER 1600/2900

**CERTIFICATE OF MAILING BY EXPRESS MAIL TO
THE COMMISSIONER OF PATENTS AND TRADEMARKS**

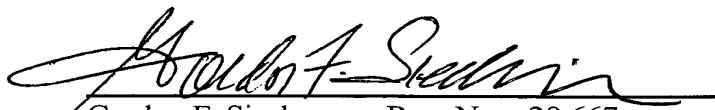
Express Mail mailing label number: **EV130078795US**

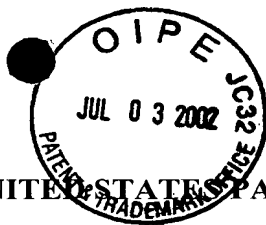
Date of Mailing: **July 3, 2002**

I certify that documents listed below:

- Amendment in Response to Office Action dated 03/04/02 (10 pgs.)
- Submission of Marked Up Specification and Claims (2 pgs.)
- Amendment Transmittal (3 pgs. in duplicate)
- Certificate of Mailing Via Express Mail (1 page)
- Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Commissioner for Patents, Box Fee Amendment, Washington, D.C. 20231.


Gordon F. Sieckmann, Reg. No.: 28,667
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63102
314-621-5070



PATENT
Attorney Docket No.: 6204/102

#9
MB
07/18/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nongnuch Inpanbutr

Serial No.: 09/804,111

Filed: March 12, 2001

For: EFFECTS OF 1,2,5 (OH)₂D₃
AND ITS ANALOGS ON
PARATHYROID HORMONE-
RELATED SECRETION AND
CELL GROWTH IN CANINE
SQUAMOUS CELL
CARCINOMA

Group No.: 1617

Examiner: Mojedeh Bahar

RECEIVED
JUL 11 2002
TECH CENTER 1600/2800

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL

1. Transmitted herewith is: Amendment in Response to Office Action March 4, 2002 (10 pgs.); Submission of Marked-Up Specification and Claims (2 pgs.); Certificate of Express Mail (1 pg.); Return Postcard

STATUS

2. Applicant

☒ claims small entity status.

☐ is other than a small entity.

07/18/2002 MBROWN 00000001 012384 09804111

01 FC:115 110.00 CH

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as Express Mail, in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231

Express Mail No.: EV130048795US

Date: July 3, 2002

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office

Gordon F. Sieckmann
Reg No. 28,667

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☒ Applicant petitions for an extension of time under 37 C.F.R. 1.136
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
<input checked="" type="checkbox"/> first month	\$ 110.00	\$ 55.00
<input type="checkbox"/> second month	\$ 400.00	\$ 200.00
<input type="checkbox"/> third month	\$ 920.00	\$ 460.00
<input type="checkbox"/> fourth month	\$1,440.00	\$ 720.00
<input type="checkbox"/> fifth month	\$1,960.00	\$ 980.00

Fee: \$ 110.00

If an additional extension of time is required, please consider this a petition therefor.

(Check and complete the next item, if applicable)

— An extension of _____ months has already been secured. The fee paid therefor \$_____ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \$110.00.

OR

- (b) — Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT	(Col. 2) HIGHEST NO. PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	SMALL ENTITY ADDITIONAL RATE FEE	OR	OTHER THAN SMALL ENTITY ADDITIONAL RATE FEE
TOTAL	MINUS	=		x \$9 = \$		x \$18 = \$
INDEP.	MINUS	=		x \$42 = \$		x \$84 = \$
—	FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			+ \$130 = \$		+ \$280 = \$
				TOTAL ADDITIONAL FEE \$	OR	TOTAL ADDITIONAL FEE \$

- (a) ☒ No additional fee for Claims is required

OR

- (b) _____ Total additional fee for claims required \$

FEE PAYMENT

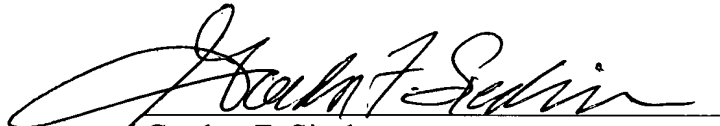
5. _____ Attached is a check in the sum of \$_____
- ☒ Charge Deposit Account No. 01-2384 the sum of \$110.00.
A duplicate of this transmittal is attached.

FEE DEFICIENCY

6. ☒ If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

AND/OR

- ☒ If any additional fee for claims is required, charge Deposit Account No. 01-2384.
7. _____ Other:



Gordon F. Sieckmann

Reg. No. 28,667

ARMSTRONG TEASDALE LLP

One Metropolitan Square, Suite 2600

St. Louis, MO 63102

314/621-5070